

Major Components of Home Entertainment Control System

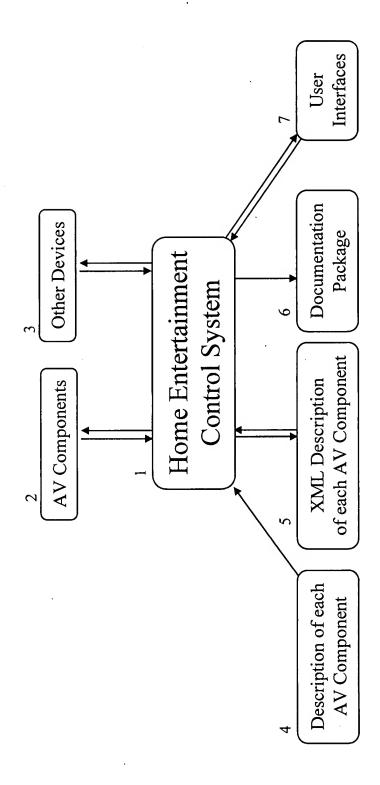


Figure 1

Home Entertainment Control System Controller

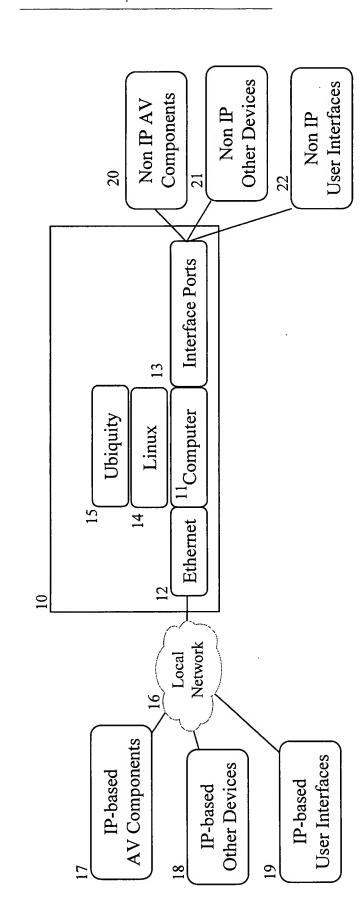


Figure 2

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 3 of 48

Replacement Sheet



DDW Make and Model

🔄 New AN Compo	😂 New A.V. Component Wizard; Make 🕀 Model	odel								
File Help										
	Select the type of component you would like to create:	nent you wo	uld like to	create:						
	AV Surround receiver: CD	CD		Cable	Cable set top box	Q¥0	۵			
	onsole	MP3		Microphone	one	₹	œ			
	Satellite	Speaker		Splitter		ð	Switch			
	2	Tuner		VCR		2	Video Processor	SSOr		
	Manufacturer.		Denon			F				
	Model:		AVR5803			-				
	Copy attributes from:	•			7	Browse	9,			
-	Manufacturer's suggested list price: \$1,200	ed list price:	\$1,200							
	Dimensions (inches):		Height	10.7	Width	17.25	Depth	14.0		
	Power dissipation (watts):		Active	909	Standby	5		,		
	-									
	Molocular Model					ű	ب ق ق ف ف ف ف ف ف ف ف ف ف ف ف ف ف ف ف ف	**************************************	ò	200
	MIGKE & MUDEI		į			7	420	J IVANI	4	Califei

Figure 3



DDW Input Connector Groups

				Number	Number of AV input connector groups 24	tconnecto	or groups	24				_	
	Input 1	Input 2	Input 3		Input 4 Input 5					-	Input 11	Input 10 Input 11 Input 12 Inp	릴
Name	<u> </u>	DBS/SAT DVD	<u>Q</u>	Phono	<u></u>	Tape 1	labe 7	Il uner	√ Aux	VCR 1	WCR 2	PCR3	ξ
Coax digital	L	L	L	L	L	L	L	L	L	L	L	L	
Optical digital	L	L	L	L	L	L	L	L	L	L	L	L	
Analog audio	Ŀ	12	IΣ	Þ	Þ	Þ	Ľ	Þ	Þ	ß	≥	Ľ	
Speaker level	L	L	Ļ	L	L	L	L	L	L	L	L	L	
M	L	L	L	L	L	<u>L</u>		L	L	L	<u></u>	L	
HD VGA	L	L	L	L	L	L	L	L	L	L	L	L	
VGA	L	L	L	L	_	L	L	L	L	L	<u></u>	L	
Component	L	12	Þ	L	ĺΣ	L	L	L	L	L	L	L	
S-Video	L	2	Þ	L	2	L	<u>_</u>	L	D	<u>></u>	≥	12	
Composite	L	2	2	L	Þ	L	L :	L.	12	Þ	2	12	
1394	L	L	L	L	L	L	L	<u>_</u>	L	L	. L	L	
USB	L	L	L	L	L	L	L	L	L	L	L	L	
R.	L	L	L	L	L	L	L	L	L	L	L	L	
antenna	L	L	L.	L	L	L	L	2	_	L	L	L	
Ethernet	L	L	L	L	L	L	L	L	L	L	L	L	
-									*				^
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			·										
									•	***************************************		•	

Figure 4



DDW Assignable Input Ports

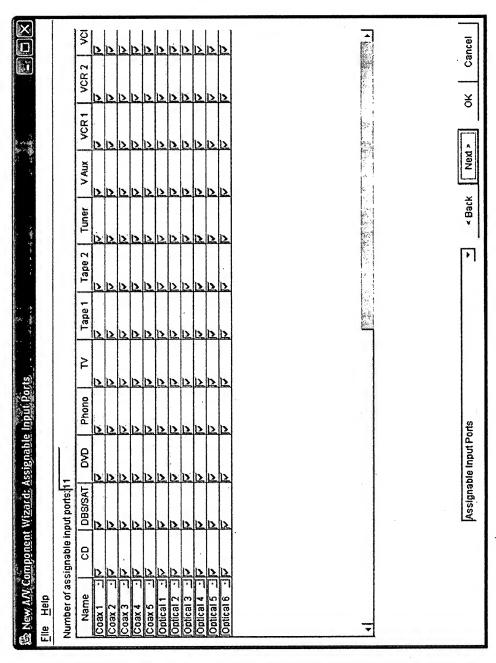


Figure 5



DDW A/V Output Connector Groups

R New AN C	S New A/V Component Wizard: A/V Output Connector Groups.	rd: AN O	utput Co	inector, C	roups.						رخس	
File Help												
			Numb	er of AVV o	Number of AV output connector groups 9	ector grou	6 sdr					
		Output 1	Output 2	Output 3	Output 4	Output 5	Output	Output 7	Output 8	Output 9		
	Name	Speaker	MZone 1	MZone 2	VCR 1	VCR 2	VCR 3	Mon 1	Speaker MZone 1 MZone 2 VCR 1 VCR 2 VCR 3 Mon 1 Mon 2 Suround	Suround		
	Coax digital	L	L	L	L	L	L	L	L	L		
	Optical digital	L	L	L	L	L	L	L	L	L		
,	Analog audio	L	ĺΣ	2	12	2	i <u>></u>	IΣ	D	Σ		
	Speaker level	5	L	12	L	L	L	L	<u>_</u>	L		***************************************
······gintak	DM	L	L	L	L	L	L	L	L	L		
Aug.,	HD VGA	L	L	L	L	L	L	L	L	L		
	VGA	L	L	L	L	L	L	L	L	L		
	Component	L	L	L	L	L	L	2	L	L		
	S-Video	L	L	L	12	D	12	ıΣ	12	L		······································
wyo can	Composite	L	ıΣ	12	ß	<u>(2</u>	D	Œ	2	L		
W-10-10-10-10-10-10-10-10-10-10-10-10-10-	1394	L	L	L	L	L	L	L	L	L		
·	nsB	L	L	L	Ľ	L	L	L	L	L		
*************************	RF	L	L	L	L	L	L	. L	L	L		
NJ11110001000	antenna	L	L	L	L	L	L	L	L	L		
and the first of t	Ethernet	L	L	L	L	L	L	L	L	L		
ap yn consignicionana	is Multizone	L	ıΣ	D	L	L	Ļ	L	L	L		***************************************
· Constitution of the Cons				Name of the Control o								
	AN	Output Co.	AV Output Connector Groups	Suine			•	A Back	Next >	[Š	Cancel
		oo indino	o longerin	2			1	200	4	ا 1	\dashv	

Figure 6

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 7 of 48

Replacement Sheet



DDW Volume Control

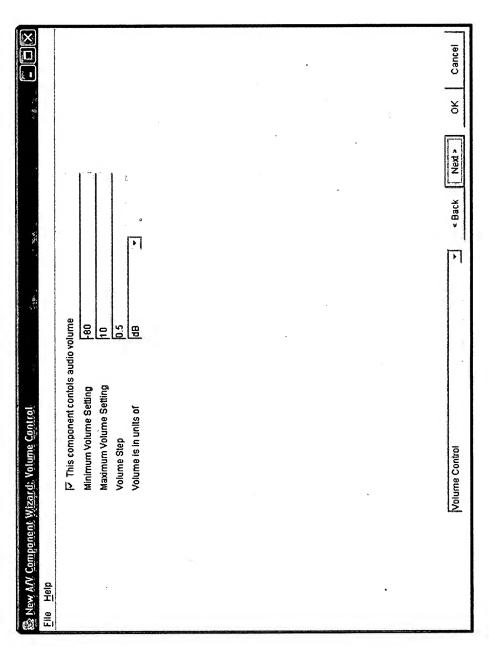


Figure 7

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 8 of 48

Replacement Sheet

DDW Controlled By

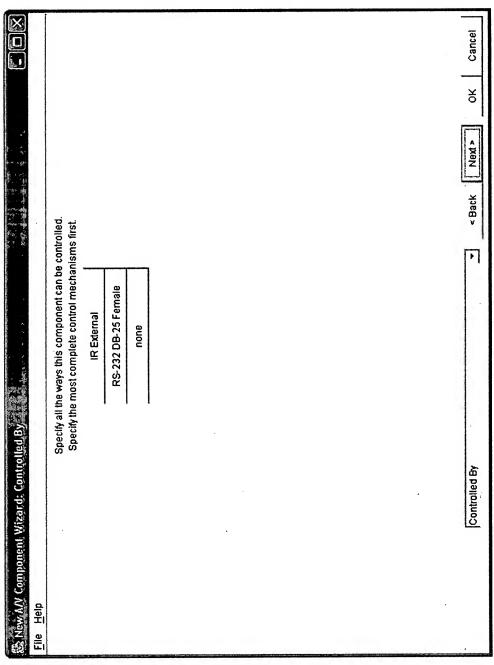


Figure 8

Application No.: 10/671,314 Docket No. 351963-990101 Page 9 of 48

Inventor: Sprauve et al.
Filed: September 24, 2003 Art Unit: 2179 Replacement Sheet



DDW IR Options

× Some AN components have multiple sets of IR codes so that multiple components of the same type can make multiple passes through the IR learning section of this wizard and you may want to go back a few Do not convert files whereby such conversion would violate any laws, license agreements or intellectual be controlled by the same remote controller. If this component has multiple code sets you will want to < IXAN There are 3 ways to assign IR commands. You can use any combination of these ways. 1. Import the IR commands from an existing component or file. 2. Cut and paste the hexadecimal encoding of the IR command. steps and add a switch to correspond with the code set selection. 3. Capture the commands from the remote control. B New AN Component Wizard: IR Options property rights of others. IR Options This component has File Help

Figure 9

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 10 of 48

Replacement Sheet



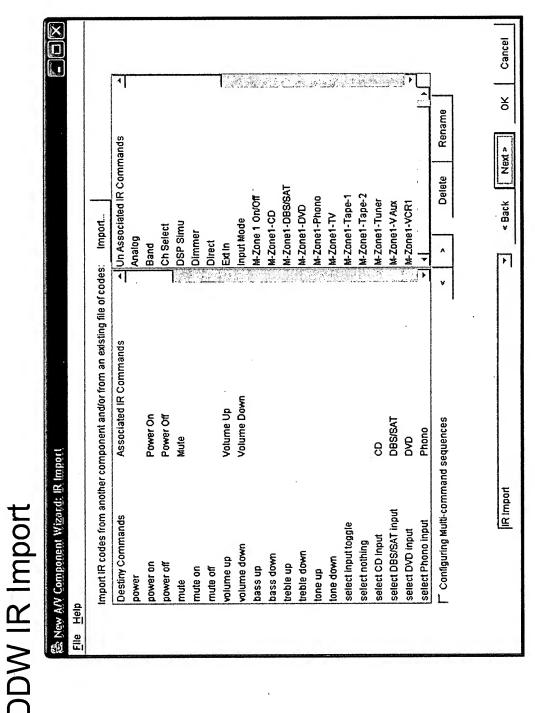


Figure 10

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 11 of 48 Replacement Sheet



DDW IR Edit

語 New AW Componen Elle Help	Component, Wizārd): Ir Edit		
IR Command	Repeats	# Post Delay IR Code (hexadecimal)	
Power On	t	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	
Power Off	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	,
Mule	Þ	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	216
Volume Up	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	
Volume Down	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	
CD	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	1
DBS/SAT	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	
OAO.	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	
Phono	7	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	
2	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	
Tape 1	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	
Tape 2	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	
Tuner	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001	
VALIX	4	•	
VCR-1	4	4 1000 0000 006c 0000 0020 0009 001e 0009 0046 0009 001e 0009 001e 0009 001	
dQv .	4	_	
Channel Down	4	4 1000 0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 0047 0009 001	
Channel Up	4	4 1000 0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 0047 0009 001	
Tuning Up	4	4 1000 0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 0047 0009 001	
Tuning Down	4	4 1000 0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 0047 0009 001	\
5Ch/7Ch Stereo	4	4 1000 0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 0047 0009 001	· · · · · · · · · · · · · · · · · · ·
Stereo	4	4 1000 0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 0047 0009 001	
DTS	4	4 1000 0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 0047 0009 001	
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Set Selected Cells to	ls to	Set Add Add	
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	ir Edit	< Back Next > OK Cancel	lea
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Figure 11



DDW IR Testing

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 12 of 48 Replacement Sheet

s New A/V Component Wizard; Is Testing		and the second s	
ile <u>H</u> elp			***************************************
Test the IR commands		Test Setup	
poweron	Controller	d5k_E015 • Refresh	
power off	IR output port	IR Output Port 6	
power on, power off	Power sense port	Powersense Port 6	
power off, power on			
paweron	FOWER SENSE MODE	Dagos	
power off	Power sense status	10	
mute	Power sense power on delay	n delay	
volume up	Power sense power off delay	ffdelay	
volume down	Test Pas	Passed Falled Reset	•
select CD input			
select DBS/SAT input	-	Passed & Send Next Command	
select DVD input	and the second		
select Phono input	i Car		
select TV input			
select Tape 1 input			
select Tape 2 input			
select Tuner input			,
select V Aux input	en e		
select VCR 1 input	<u> 201</u>		
select VOP input	ggggaden over		
channel down			
Ir Testing		◆ Back Next OK	Cancel

Figure 12

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 13 of 48

Replacement Sheet



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S New A/V Component	學 New AN Component Wizard; RS232 Connection.		×
File Help			
	Baud Rate Data Bits Parity Stop Bits Flow Control Delay Between bytes This device groups commands Grouped Cornmands Separator	9000 × 1 × w w s	
	R8232 Connection	- Back Next OK Cancel	<u>_</u>

Figure 13

Application No.: 10/671,314
Inventor: Sprauve et al.
Filed: September 24, 2003 Art Unit: 2179
Docket No. 351963-990101
Page 14 of 48
Replacement Sheet



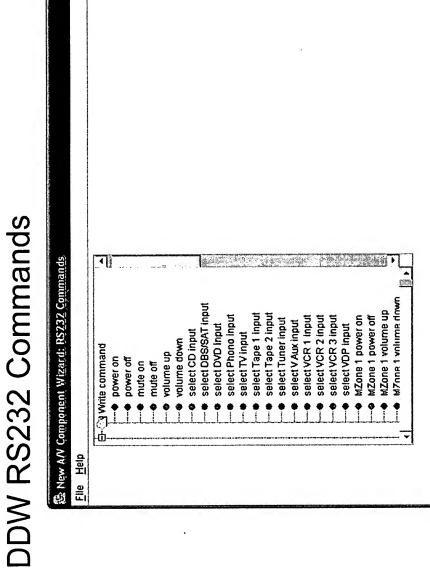


Figure 14

< Back

RS232 Commands

Application No.: 10/671,314
Inventor: Sprauve et al.
Filed: September 24, 2003 Art Unit: 2179
Docket No. 351963-990101
Page 15 of 48
Replacement Sheet



DDW Assign RS232 Commands

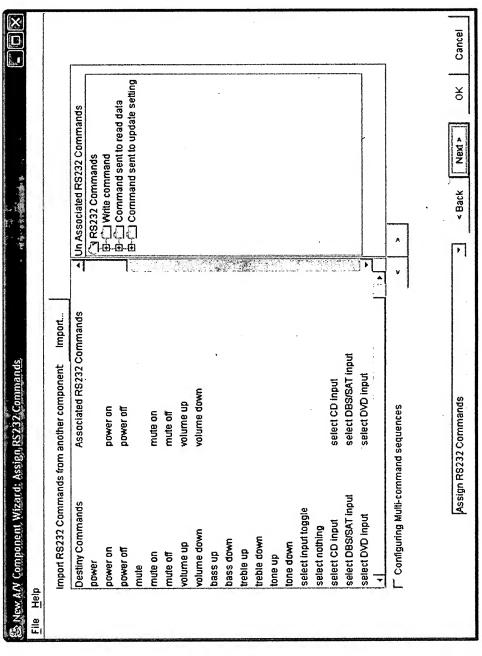


Figure 15

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 16 of 48 Replacement Sheet

> select Tape 1 input select Tape 2 input

select TV input

select Tuner input select V Aux input

select Phono input

select VCR 2 input select VCR 3 input

select VCR 1 input

MZone 1 power on

select VDP input

MZone 1 power off



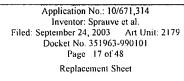
Bilger_Domain5000 Serial Port 1 Passed & Send Next Command Falled Test Setup d5k_E015 Passed DDW Test RS232 Commands Test Command Result: Serial output port Controller B New AV Component Wizard: Test BS232 Commands Test the RS232 commands select DBS/SAT input select DVD input select CD input rotume down rolume up power on power off mute on mute off File Help

Refresh

•

Figure 16

Test RS232 Commands





DDW Transport

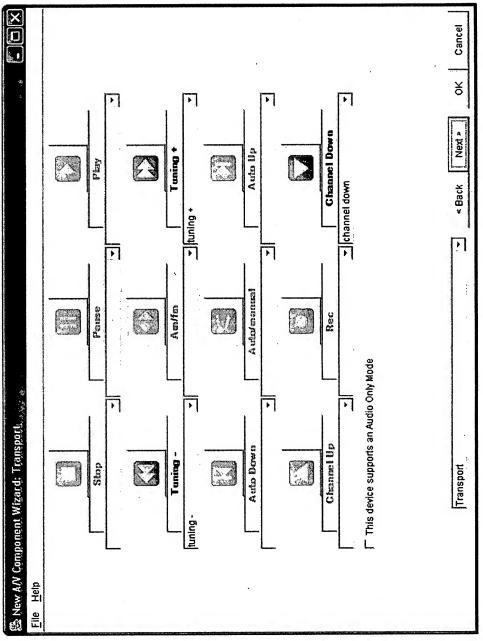


Figure 17



Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 18 of 48

Replacement Sheet

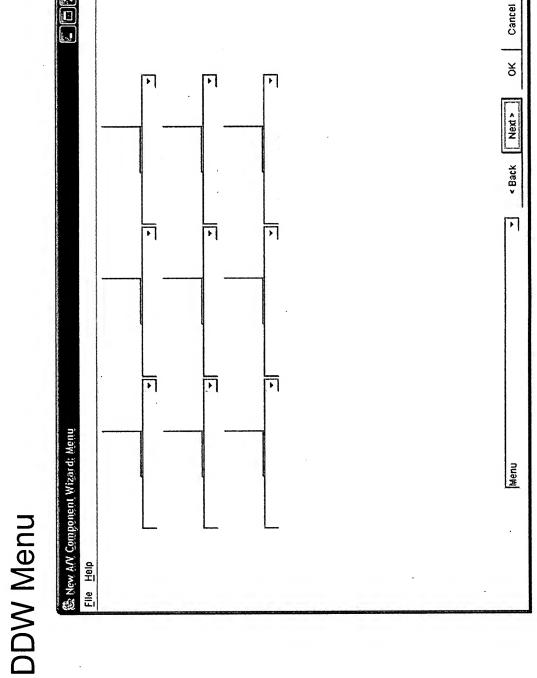


Figure 18



Application No.: 10/671,314
Inventor: Sprauve et al.
Filed: September 24, 2003 Art Unit: 2179
Docket No. 351963-990101
Page 19 of 48
Replacement Sheet

DDW Keypad

Figure 19

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 20 of 48

Replacement Sheet



DDW You're Done!

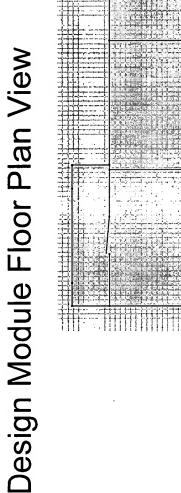
< Back Congratulations! You have defined a new device. Just hit o.k. below to Save this device file. Congratulations, You're Done! S New AN Component Wizard: Congratulations, File Help

Figure 20

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 21 of 48

Replacement Sheet





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Figure 21

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 22 of 48

Replacement Sheet



Design Module No AV Components Yet

& Entertainment D	ient Devices in FamilyRoom	Зоот	Fam	FamilyRoom				
Done	Component		Video In	Video Out	Audio In	Audio Out	Power	Control
			A A	Add Component				
Click a Compor Or Click the Ack	Click a Component Name to EdiVDelete that Component Or Click the Add Component Button Above to Add a New Component in this Room	that Co	mponent td a New (Component in t	his Room			

Figure 22

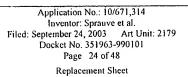
Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 23 of 48

Replacement Sheet



Design Module Adding a VCR to the Family Room

	C Legacy & XML Files	
Туре	WER - MATERIAL	F
Manufacturer	JVC	FI
Model	HR-A591U	F
File Names	HR-A591Uxml	F
Name	FamilyRoom VCR	1
Name to be Displayed Maximun	Displayed VCR Maximum eight characters	1
© On When Needed		
Always On		
الله Power Not Controlled	Pa	
	Add Cancel	





Design Module Adding a DVD to the Family Room

Add Component in FamilyBoom Type Manufacturer Manufacturer Model File Names File Name File Name to be Displayed DVD Maximum eight characters Con When Needed Chower Not Controlled
--

Figure 24

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 25 of 48

Replacement Sheet



Design Module Adding a Satellite Receiver to the Family Room

Add Com	😤 Add Component in FamilyRoom 💢	633
	C Legacy © XML Files	
Type	Satellite	`
Manufacturer	Sony	
Model	SAT-B2	
File Names	SAT-B2.xml	·
Name	FamilyRoom Satellite	•
Name to be Displayed	e Displayed Satellite Maximum eight characters	
© On When Needed	Needed	
C Always On	u	
C Power No	Power Not Controlled	
-	Add Cancel	***************************************

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 26 of 48

Replacement Sheet



Design Module Adding a PVR to the Family Room

🕾 Add, Component in FamilyRoom. 🦠 🔀	PVR ************************************	cturer ReplayTV	RTV4000	mes RTV4000.xml	FamilyRoom PVR	Name to be Displayed PVR Maximum eight characters	When Needed	no ske	C Power Not Controlled	Add Cancel
Add.Compo	Type	Manufacturer	Model	File Names	Name	Name to be Dis	© On When Needed	C Shwars O	○ Power Not	

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 27 of 48

Replacement Sheet



Design Module Adding a Surround Receiver to the Family Room

ponent in FamilyRoom	C Legacy G XML Files AV Surround receiver ▼	Denon	AVR-1802	AVR-1802.xml	om AV Surround receiver	e Displayed AV Surround receiver Maximum eight characters	ded	naka mutup na	ntrolled	
(음) Add Compone	Type	Manufacturer	Model	File Names	Name	Name to be Displayed	© On When Needed	C Always On	C Power Not Controlled	

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 28 of 48

Replacement Sheet



Design Module Adding a TV to the Family Room

	TV C Legacy © XML Files	JVC	20820	20820.xml	FamilyRoom TV	e Displayed TV Maximum eight characters	n Needed		Power Not Controlled	Add Cancel
& Add Compo	Type	Manufacturer	Model	File Names	Name	Name to be Displayed Maximum	© On When Needed	A Always On	C Power Not C	

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 29 of 48

Replacement Sheet



Design Module with All of the AV Components Added

Enter	🕵 Entertainment Devices in FamilyRoom,		20.00 m			× × · ·	×	
		Far	FamilyRoom					
Done	Component	Video In	Video Out	Audio In	Audio Out	Power	Control)
L	FamilyRoom VCR	0	0	0	0	0	0	
L	FamilyRoom DVD	0	0	0	0	0	0	
L	FamilyRoom Satellite	0	0	0	0	0	0	
L	FamilyRoom PVR	0	0	0	0	0	0	
L	FamilyRoom AV Surround r	0	0	0	0	0	0	
L	FamilyRoom TV	0	0	0	0	0)	0
•	dependent.	Add	Add Component				4	
Click a C. Or Click t	Click a Component Name to Edil/Delete that Component Or Click the Add Component Button Above to Add a New Component in this Room	omponeni dd a New Cc	mponent in th	ils Room				

Figure 29



Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 30 of 48

Replacement Sheet

Design Module DVD AV Input Ports

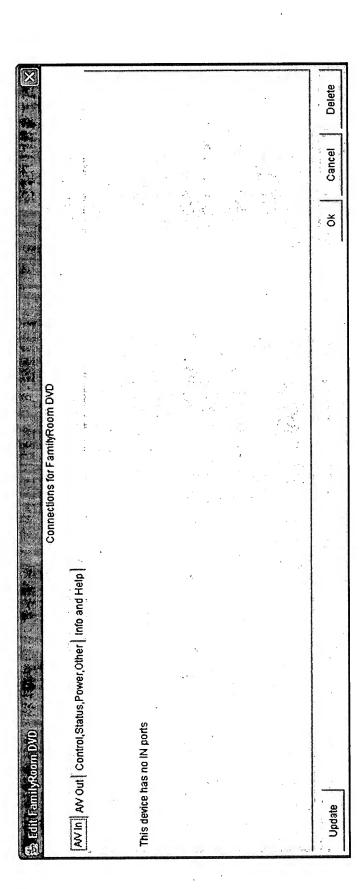
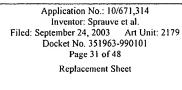


Figure 30





Design Module DVD AV Output Ports

dit Fa	Edit FamilyRoom DVD	Connections for FamilyRoom DVD	X
'In &	W In AW Out Control, Status, Power, Other	s, Power, Other Info and Help	
Out Out	ut ideoideo		
	Composite	FamilyRoom AV Surround receiver	Out v/Composite,1103 DVD/VDP v/Composite
14	S-Video	FamilyRoom AV Surround receiver DVDNDP S-Video	D3 Dvd Out v/S-Video,1103 DVD/NDP v/S-Video
<u></u>	Component	Component	Wire Id
ĮĒ	Audio		
ഥ	✓ Line stereo RCA FamilyRoom	AV Surround receiver 💌 DVDWDP 🔭 🔭	Line stereo RCA stereo RCA 1103 DVD/VDP a Line stereo RCA
	S/PDIF on Toslink		SPDIF on Toslink Mire Id
1	S/PDIF on RCA	SIPDIF on RCA	CA. Mireld
] [
Update			Ok Cancel Delete

Figure 31

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 32 of 48

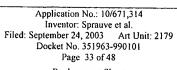
Page 32 of 48 Replacement Sheet



Design Module DVD Control, Status, Power, Other Ports

Edit FamilyRoom DVD	×
Connections for FamilyRoom DVD	
W In AW Out Control, Status, Power, Other Info and Help	· (;
;	
(* As Needed (* Ahways On (* Power Not Controlled	
7 On Off Status	
C Power Sensor on a shub	
© Power Sensor on Domain 5000 D5K #1-Sync Input 1	
Tum Device ON/OFF using a Relay Control Unit	
D5K#1-Relay Control Unit	
Relay 1	
Control the device	
Update	Ok Cancel Delete

Figure 32



Replacement Sheet



Design Module Info and Help

🖄 Edit Familykoom DVD 💎 🐧		Connection for Family Down D. D.
		בנוסוים ומו נמוויולו סמווי סלם
AV In AV Out Control, Status, Power, Other	er Info and Help.	
Name FamilyRoom DVD	On Line Manual	
Display Name DVD		
Maximum eight characters		
Mfg RCA	Model	RC6001P plus
XML File: RCA-RC6001P plus.xml		
Serial # [123456789	Date of Installation 11/14/03	1/14/03
Warrantee period 112	in months	
-Dimensions	The constant of the control of the c	
0.0 h 0.0 w 0.0 d		
Power Dissipation in Watts		
Active 120	Standby	20
Update		Ok Cancel Delete

Figure 33

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 34 of 48

Replacement Sheet



Design Module All AV Components with Wires

FamilyRoon Video Out Video Out Video Out Video In Video Out Vide	FamilyRoom Component Video In Video Out Audio In Audio Out Power FamilyRoom VCR 0 1 0 1 0 FamilyRoom DVD 0 1 0 1 0 FamilyRoom Satellite 0 1 0 1 0 FamilyRoom AV Surround r 3 1 2 1 0 FamilyRoom TV 1 0 1 0 0						3 2 2 3		
Component Video In Video Out Audio In Audio Out Power FamilyRoom VCR 0 1 0 1 0 FamilyRoom BVR 0 1 0 1 0 FamilyRoom AV Surround r 3 1 0 0 0	Component Video In Video Out Audio In Audio Out Power FamilyRoom VCR 0 1 0 1 0 FamilyRoom DVD 0 1 0 1 0 FamilyRoom PVR 1 0 1 0 0 FamilyRoom AV Surround r 3 1 2 1 0 0 FamilyRoom TV 1 0 1 0 0 0 0			Fan	nilyRoom				
FamilyRoom VCR 0 1 0 1 FamilyRoom DVD 0 2 0 1 FamilyRoom PVR 1 0 1 0 FamilyRoom AV Surround r 3 1 0 1	FamilyRoom VCR 0 1 0 1 FamilyRoom Satellite 0 1 0 1 FamilyRoom PVR 1 0 1 0 FamilyRoom AV Surround r 3 1 2 1 FamilyRoom TV 1 0 1 0 Add Component	Done	Component	Video In	Video Out	Audio In	Audio Out	Power	Control
FamilyRoom DVD 0 2 0 1 FamilyRoom PVR 1 0 1 0 FamilyRoom AV Surround r 3 1 2 1	FamilyRoom DVD 0 2 0 1 FamilyRoom Satellite 0 1 0 1 FamilyRoom PVR 1 0 1 0 FamilyRoom AV Surround r 3 1 2 1 FamilyRoom TV 1 0 1 0 Add Component	L	FamilyRoom VCR	0	-	0	-	0)
FamilyRoom AV Surround r 1 0 1<	FamilyRoom Satellite 0 1 0 1 FamilyRoom AV Surround r 3 1 2 1 FamilyRoom TV 1 0 1 0 Add Component	L	FamilyRoom DVD	0	2	0	-	0	-
FamilyRoom AV Surround r 1 0 1 0 FamilyRoom TV 1 2 1	FamilyRoom AV Surround r 3 1 0 1 FamilyRoom AV Surround r 1 0 1 0 Add Component	L	FamilyRoom Satellite	0		0	-	0	
FamilyRoom AV Surround r 3 1 2 1 FamilyRoom TV 1 0 1 0	FamilyRoom AV Surround r 3 1 2 1 FamilyRoom TV 1 0 1 0 Add Component	L	FamilyRoom PVR	-	0	-	0	0	-
	Add Component	L	FamilyRoom AV Surround r	m	-	2	,	0	-
	Add Component	L	FamilyRoom TV	-	0		0	0	

Figure 34

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 35 of 48

Replacement Sheet





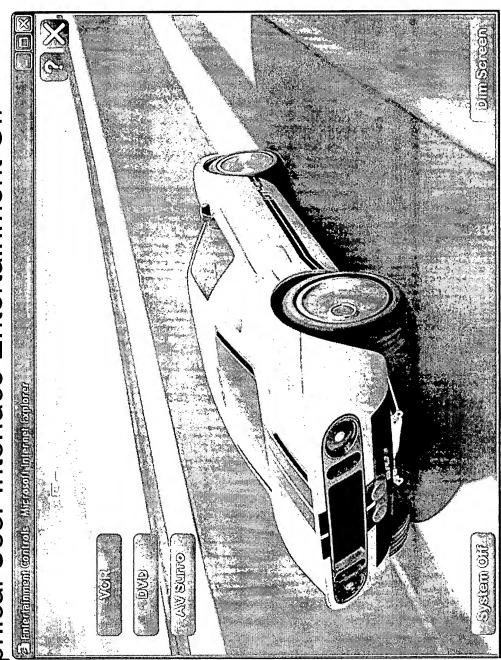


Figure 35

Application No.: 10/671,314
Inventor: Sprauve et al.
Filed: September 24, 2003 Art Unit: 2179
Docket No. 351963-990101
Page 36 of 48
Replacement Sheet



Graphical User Interface DVD is the Active Source

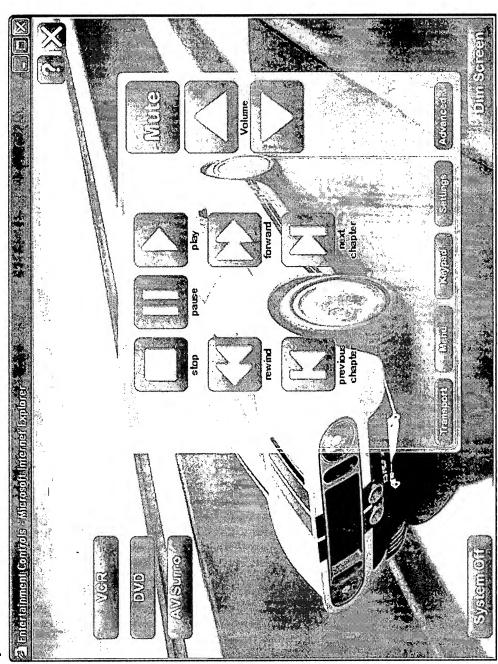


Figure 36

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 37 of 48

Replacement Sheet



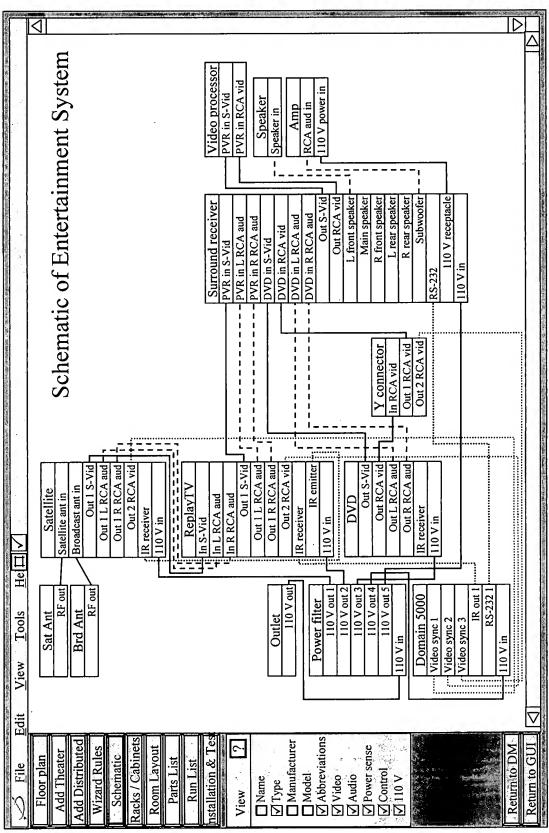
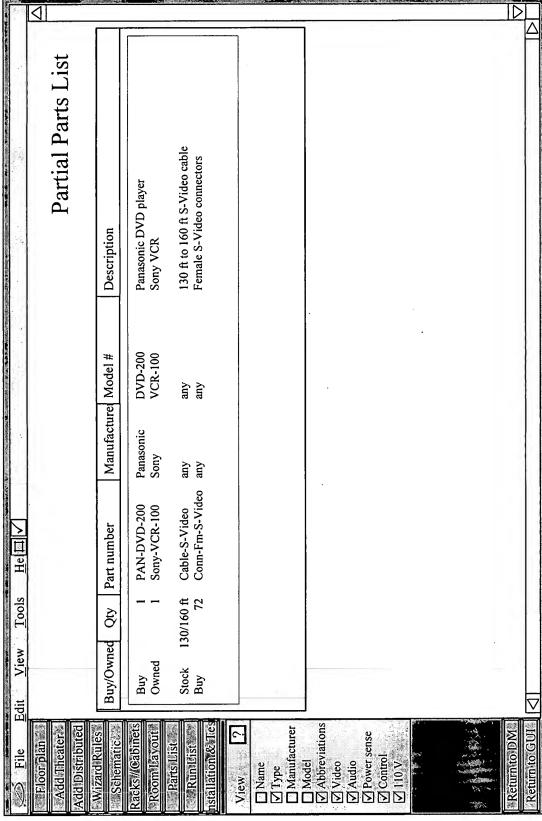


Figure 37

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 38 of 48

Replacement Sheet





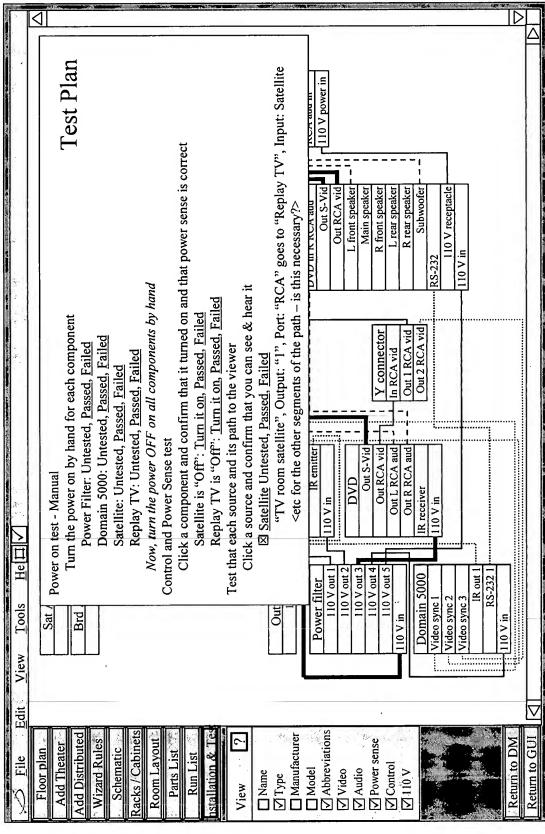
Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 39 of 48

Replacement Sheet

Floor plan							
Add Theater			From the output of this component	s component	To the input of this component	component	
Add Distributed Done	Action	Wire type	Name	Port	Name	Port	Wire length
Wizard Rules Schematic	Add	RG-6 RG-6	Roof satellite antenna Roof broadcast antenna	Antenna out Antenna out	Living room satellite receiver Living room satellite receiver	Satellite antenna in Broadcast antenna in	c c.
Racks / Cabinets	Add Add Add Add	S-Vid RCA aud RCA aud RCA vid	Living room satellite receiver Living room satellite receiver Living room satellite receiver Living room satellite receiver	Out 1 S-Vid Out 1 L RCA aud Out 1 R RCA aud Out 2 RCA vid	Living room ReplayTV Living room ReplayTV Living room ReplayTV Domain 5000	In S-Vid In L RCA aud In L RCA aud Video sync in	10" to 20" 10" to 24" 15" to 31" 121" to 132"
Run Elst nstallation & Tes	Add	S-Vid	Living room ReplayTV	Out I S-Vid	Living room surround receiver	PVR in S-Vid	17" to 23"
	Remove	Pi.A-S	Living room Replay TV	Out 2 S-Vid	Living room TV	S-Vid in 2	16" to 20"
✓ Action ✓ Wire type							
St William Wil	Wire length calculations: if the ports are in the same rathen { if the component with the then { shortest = <bottom ((<top="" (otop="" height="" longest="sqr" shortest="<pre" ="" }=""></bottom>	Wire length calculations: if the ports are in the same rack then { shortest = <bottom else="" extension="" height="" of="" shortest="<bottom" }=""> + <bottom extension="" height="" of=""> + <top h<="" th=""><th>ire length calculations: the ports are in the same rack if the component with the output is above the one with the input then { shortest = <bottom comp="" height="" of="" output="" the="" with=""> min longest = sqr ((<top comp="" height="" of="" output="" the="" with=""> min </top></bottom></th><th>rput > minus <the hei="" top=""> minus <the +="" 6="" 6<="" 9="" botton="beinet" cabinet="" out="" pull="" th="" wire=""><th>tree length calculations: the ports are in the same rack the component with the output is above the one with the input? shortest = https://www.ninus (https://www.ninus + https://www.ninus.html (https://www.ninus.html (</th></the></the></th></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></top></bottom></bottom></bottom></bottom></bottom>	ire length calculations: the ports are in the same rack if the component with the output is above the one with the input then { shortest = <bottom comp="" height="" of="" output="" the="" with=""> min longest = sqr ((<top comp="" height="" of="" output="" the="" with=""> min </top></bottom>	rput > minus <the hei="" top=""> minus <the +="" 6="" 6<="" 9="" botton="beinet" cabinet="" out="" pull="" th="" wire=""><th>tree length calculations: the ports are in the same rack the component with the output is above the one with the input? shortest = https://www.ninus (https://www.ninus + https://www.ninus.html (https://www.ninus.html (</th></the></the>	tree length calculations: the ports are in the same rack the component with the output is above the one with the input? shortest = https://www.ninus (https://www.ninus + https://www.ninus.html (

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 40 of 48 Replacement Sheet





Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 41 of 48

Replacement Sheet

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Iools <u>He[国</u> v		and/or Cab	Number of racks of equipment	Name of each rack	turer		lon	Number of rack spaces (inches)	nches)	f wire tray (inches)	bove floor (inches)	rack	lable 123 From		ray. #1	#2		ye i	
View		Add Racks	Number of	Name of	Manufacturer	Part#	Description	Number	Height (inches) Depth (inches)	Length of win	Height above	Total number of rack	spaces available	Cable distance	from wire tray.	to wire tray	between racks		∇
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Application No.: 10/671,314
Inventor: Sprauve et al.
Filed: September 24, 2003 Art Unit: 2179
Docket No. 351963-990101
Page 42 of 48
Replacement Sheet



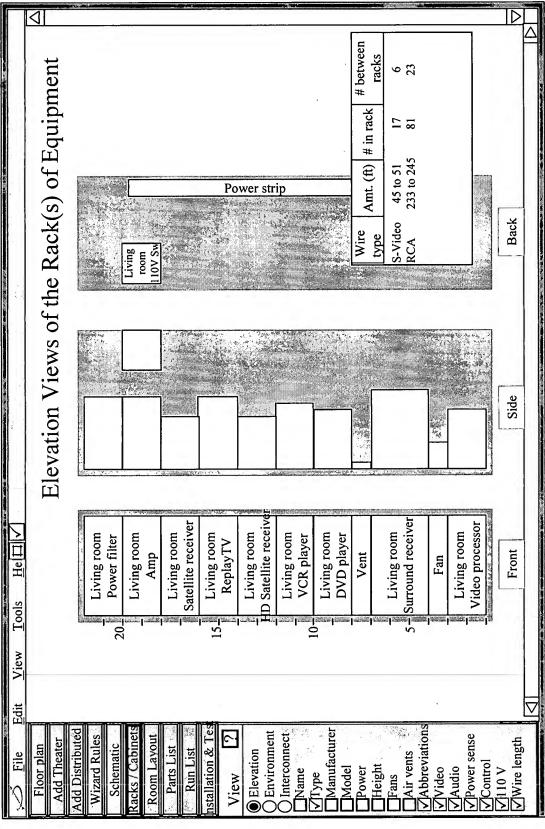


Figure 42

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 43 of 48

Replacement Sheet

MAY 1 0 2007

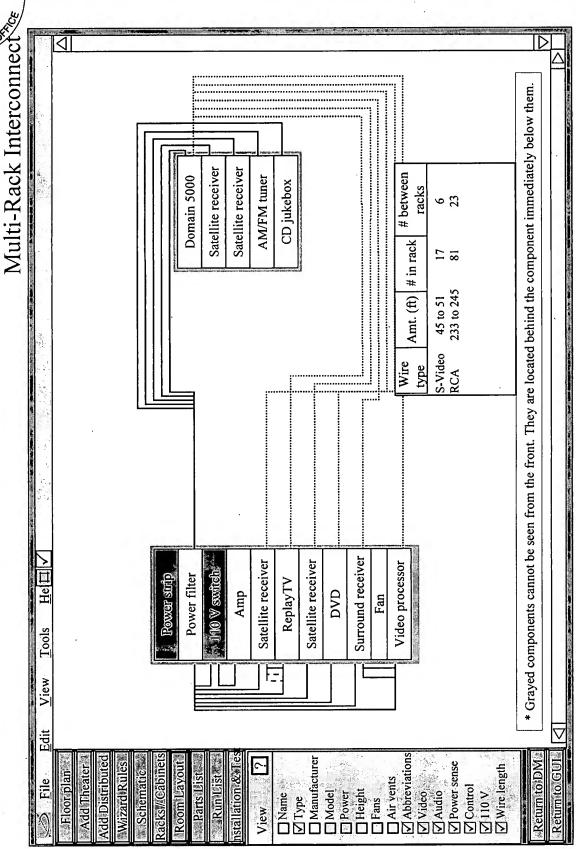
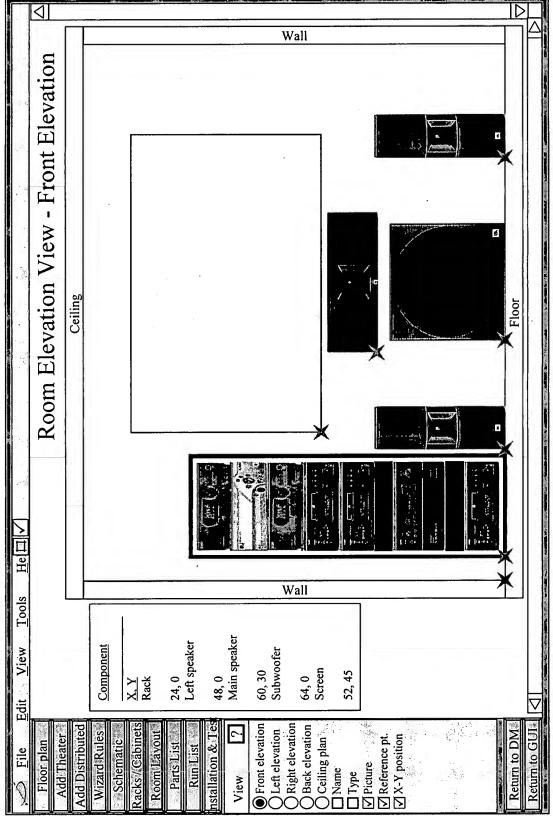


Figure 43

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Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 44 of 48 Replacement Sheet



MAY 1 0 2007

Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 45 of 48

Replacement Sheet

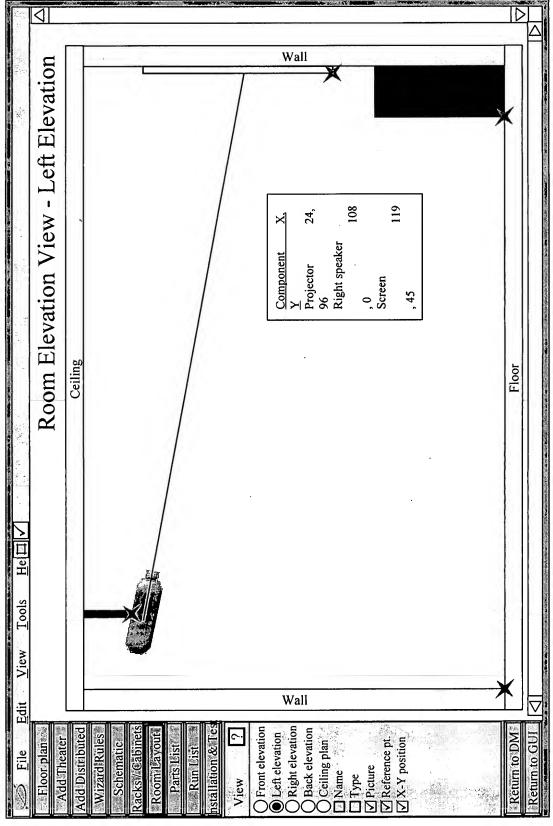


Figure 45

MAY 1 0 2007

Application No.: 10/671,314
Inventor: Sprauve et al.
Filed: September 24, 2003 Art Unit: 2179
Docket No. 351963-990101
Page 46 of 48

Replacement Sheet

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Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 47 of 48

Replacement Sheet

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			PVR			
		DVD player				
		VCR	VCR	V	V VCR	V
X0		CD jukebox				
sic	3 music	MP-3 music	MP-3 music	✓ MP-3 music	✓ MP-3 music	✓ MP-3 music
ound receiver	surround receiver	A/V surround receiver	A/V surround receiver	✓ A/V surround receiver	✓ A/V surround receiver	✓ A/V surround receiver
			Subwoofer amp			
		Shaker amp				
					or / display	
sic ound receiver or amp np	ceiver	ceiver	ceiver	ceiver	ceiver	ceiver
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Application No.: 10/671,314 Inventor: Sprauve et al. Filed: September 24, 2003 Art Unit: 2179 Docket No. 351963-990101 Page 48 of 48

Replacement Sheet

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